

THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A computer-implemented method of automatically switching between computer-enabled input modes, comprising:

providing a selection-based input mode button displayed on a user interface, wherein the selection-based input mode button is configured to receive an input to actuate a selection-based input mode for recognizing inputs from a selection-based input device;

providing a pen-based input mode button displayed on the user interface, wherein the pen-based input mode button is configured to receive an input to actuate a pen-based input mode for recognizing pen inputs from a pen-based input device;

providing an auto switch mode button displayed on the user interface, wherein the auto switch mode button is configured to receive an input to actuate an auto switch mode for enabling automatic switching between the selection-based input mode and the pen-based input mode;

receiving a selection of the selection-based input mode button from the pen-based input device;

latching the pen-based input device, in response to receiving the selection of the selection-based input mode button from the pen-based input device, and actuating the selection-based input mode for the pen-based input device;

while the selection-based input mode is actuated for the pen-based input device, detecting a selection-based input from the selection-based input device;

automatically unlatching the pen-based input device, in response to detecting the selection-based input from the selection-based input device, and actuating the selection-based input mode for the selection-based input device;

receiving a selection of the auto switch mode button to actuate the auto switch mode;

while in the auto switch mode, detecting a pen-use input from the pen-based input device;

in response to detecting the pen-use input from the pen-based input device, automatically switching from the selection-based input mode to the pen-based input mode without receiving a selection of the pen-based input mode button;

receiving a selection of the pen-based input mode button from the selection-based input device;

latching the selection-based input device, in response to receiving the selection of the pen-based input mode button from the selection-based input device, and actuating the pen-based input mode for the selection-based input device;

while the pen-based input mode is actuated for the selection-based input device, detecting a pen-based input from the pen-based input device;

unlatching the selection-based input device, in response to detecting the pen-based input from the pen-based input device, and actuating the pen-based input mode for the pen-based input device.

2. (Previously Presented) The computer-implemented method of Claim 1, further comprising detecting a use-input from the selection-based input device; and in response to detecting a user-input of the selection-based input device, automatically switching from the pen-based input mode back to the selection-based input mode without receiving a selection of the selection-based input mode button.

3. (Previously Presented) The computer-implemented method of Claim 1, prior to actuating the selection-based input mode, actuating the auto switch mode button.

4. (Previously Presented) The computer-implemented method of Claim 1, whereby the selection-based input device is a mousing device.

5. (Previously Presented) The computer-implemented method of Claim 1, whereby the selection-based input device is a keyboard.

6.-8. (Canceled)

9. (Previously Presented) The computer-implemented method of Claim 1, whereby the use-input of the pen-based input device includes movement of the pen-based input device whereby said pen-based input device is operative to input data when the pen-based input device is engaged with a computer-enabled display screen operative to receive input from the pen-based input device.

10. (Cancelled)

11. (Previously Presented) The computer-implemented method of Claim 1, whereby while the pen-based input device is latched for behavior as a selection-based input device, using the pen-based input device as a selection-based input device.

12. (Previously Presented) The computer-implemented method of Claim 11, further comprising detecting an input from the selection-based input device; and
in response to detecting the input of the selection-based input device, automatically unlatching the pen-based input device from behaving as a selection-based input device without receiving a selection of the selection-based input mode button.

13. (Previously Presented) The computer-implemented method of Claim 12, whereby detecting an input from the selection-based input device includes moving a mousing device.

14. (Previously Presented) The computer-implemented method of Claim 12, whereby detecting an input from the selection-based input device includes selecting a keyboard key.

15. (Previously Presented) A computer-readable storage medium having computer executable instructions for automatically switching between computer-enabled input modes, the instructions comprising:

providing a mouse-based input mode button displayed on a user interface, wherein the mouse-based input mode button is configured to receive an input to actuate a mouse-based input mode for recognizing inputs from a mousing device;

providing a pen-based input mode button displayed on the user interface, wherein the pen-based input mode button is configured to receive an input to actuate a pen-based input mode for recognizing pen inputs from a pen-based input device;

providing an auto switch mode button displayed on the user interface, wherein the auto switch mode button is configured to receive an input to actuate an auto switch mode for enabling automatic switching between the selection-based input mode and the pen-based input mode;

receiving a selection of the selection-based input mode button from the pen-based input device;

latching the pen-based input device, in response to receiving the selection of the selection-based input mode button from the pen-based input device, and actuating the selection-based input mode for the pen-based input device;

while the selection-based input mode is actuated for the pen-based input device,
detecting a selection-based input from the selection-based input device;

automatically unlatching the pen-based input device, in response to detecting the
selection-based input from the selection-based input device, and actuating the
selection-based input mode for the selection-based input device;

receiving a selection of the auto switch mode button to actuate the auto switch
mode;

while in the auto switch mode, detecting a pen-use input from the pen-based
input device;

in response to detecting the pen-use input from the pen-based input device,
automatically switching from the selection-based input mode to the pen-based input
mode without receiving a selection of the pen-based input mode button;

receiving a selection of the pen-based input mode button from the selection-
based input device;

latching the selection-based input device, in response to receiving the selection
of the pen-based input mode button from the selection-based input device, and
actuating the pen-based input mode for the selection -based input device;

while the pen-based input mode is actuated for the selection-based input device,
detecting a pen-based input from the pen-based input device; and

in response to detecting the pen-based input from the pen-based input device:

unlatching the selection-based input device, and

actuating the pen-based input mode for the pen-based input device.

16. (Previously Presented) The computer readable storage medium of Claim 15, whereby the initial input device is the mousing device.

17. (Previously Presented) The computer readable storage medium of Claim 15, whereby the initial input device is a keyboard.

18. (Previously Presented) A computer-implemented method of automatically switching between computer-enabled input modes, comprising:

providing a selection-based input mode button, wherein the selection-based input mode button is configured to receive an input to actuate a selection-based input mode for recognizing inputs from a selection-based input device;

providing a pen-based input mode button, wherein the pen-based input mode button is configured to receive an input to actuate a pen-based input mode for recognizing pen inputs from a pen-based input device;

providing an auto switch mode button, wherein the auto switch mode button is configured to receive an input to actuate an auto switch mode for enabling automatic switching between the selection-based input mode and the pen-based input mode;

receiving a selection of the selection-based input mode button from the pen-based input device;

latching the pen-based input device , in response to receiving the selection of the selection-based input mode button from the pen-based input device, and actuating the selection-based input mode for the pen-based input device;

while the selection-based input mode is actuated for the pen-based input device, detecting a selection-based input from the selection-based input device;

automatically unlatching the pen-based input device, in response to detecting the selection-based input from the selection-based input device, and actuating the selection-based input mode for the selection-based input device;

receiving a selection of the auto switch mode button to actuate the auto switch mode;

while in the auto switch mode, detecting a pen-use input from the pen-based input device;

in response to detecting the pen-use input from the pen-based input device, automatically switching from the selection-based input mode to the pen-based input mode without receiving a selection of the pen-based input mode button;

latching the selection-based input device, by receiving a selection of the pen-based input button, so that the selection-based input device behaves as a pen-based input device;

detecting another use-input from the pen-based input device;

in response to detecting the another use-input of the pen-based input device, automatically unlatching the selection-based input device from behaving as a pen-based input device without receiving a selection of the pen based input mode button;

latching the pen-based input device, by receiving a selection of the selection-based input mode button, so that the pen-based input device behaves as a selection-based input device;

detecting another use-input from the selection-based input device; and

in response to detection the another use-input from the selection-based input device, automatically unlatching the pen-based input device from behaving as a selection-based input device without receiving a selection of the selection-based input mode button.

19. (Previously Presented) The computer-implemented method of Claim 18, whereby the selection-based input device includes a mousing device.

20. (Previously Presented) The computer-implemented method of Claim 18, whereby the selection-based input device includes a keyboard key.